Trinity College. Dublin
Oct 24. 1848.

My dear Dr Gray

Long before this reaches you, you will have heard of, if not seen Dr Taylor's Herbarium, which was purchased for Mr Lowell by Dr Boott. Your letter enclosing Sullivant's order came too late for the sale, but I suppose his purpose will be answered nearly equally well by the present destination.

I have now your second letter asking about Coulter's N 85 – On referring to my notes I find I have marked it "Nov. Gen.?" – a note made more than a year ago. You are freely at liberty to give it any name you think fit. – I enclose a list of such as I have partially examined from time to time – and you can let Mr Carey have it when you have looked it over. You will see many gaps – several orders not having yet been looked at – & no Endogens having been even hastily examined. My time has been so much occupied latterly with other matters that I have allowed the Herbarium work, including Coulter's collections to run into arrear.

You mention having a set of Fendler's Plants (intended for Mr Oakes) to dispose of for $34 – If not yet purchased I shall be glad to have it for our Herb. – You do not say the number of species – but I take it for granted, by the way you write of it, that it is a desirable purchase. I saw Hooker's set and liked it much. (I suppose I can pay Heward the money?) –

Please tell me what I am to do with the Copy of Sullivant's Alleghany Mosses intended for Taylor, & which arrived after his death. They are lying with me, awaiting your or Mr Sullivant's orders for a long while. I wrote you about them before.

I believe I never thanked you for your beautiful "Genera" for which I am much obliged. It is got out in admirable style & will be a most important work when completed. I hope you may find sufficient sale to cover the expenses – more than this

N 1341 – Maurandia semperflorens.
1342 M——— Barclayana
–43 Cosmanthus n. sp.
–44 Gilia glomeruliflora
–45 Gilia incisa
–48 Castillea scorzonerifolia? –
–49 C——— arvensis?
–51 C——— canescens?
–52 C——— tenuiflora? } [illegible]
–53 C——— integrifolia? "
–54 C——— canescens
–56 Lamourouxia multifida
–57 L——— cheiranthifolia
–58 L——— cordata C.H.
–60 Pedicularis canadensis?
1426 Okenia
1434 Tinantia gypsophiloides M&G.
1490 Cordia ambigua
1525 Stenorhynchus aurantiacus Lindl.

you can hardly look for.

Dr Hooker has been making great discoveries in the Himalaya's - glorious Rhododendrons & Magnolias. Figures of some of them will shortly appear in the Journal, if that survive the end of the year. Reeve was threatening to give it up when I was at Kew, as it does not pay its expenses. I fear Sir Wm will have to bear a portion of the cost, if it continue longer.

Yours most truly
W.H.Harvey

pr Steamer - Oct 28.
Professor Asa Gray M.D.
Harvard University
Cambridge
Massachusetts
United States.

4
PAID
OC27
1848

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OC28
A

I shall write to Reeve again about the missing No. of Phycologia. He assured me it had been sent to Wiley & Putnam in regular course.

1131. Stachytarpheta albiflora
—35 Bouchea sp. n.
—36 B—— Ehrenbergii
—37 Lippia sp. n.
—38 } Lippia lycioides.
—39 }
—41- Priva echinata
—42 Verbena officinalis
—43 } V—— Caroliniana
—44 }
—45 Priva sp. n.
—46- Verbena canescens.
—47 V—— bracteosa
—48 V—— ciliata Benth
—49 V—— ? do.
—50. V—— Lamberti. Curt
—53 } Lantana velutina ?
—55 }
—56 Lippia purpurea
—62 L—— Berlandieri
—64 } Duranta Plumieri
—65 }
—66- Lippia lycioides.
—68 Vitex lasiophylla. Benth
—71 Clerodendron n. sp.
—72 C—— n. sp.
—73 Citharoxylon affine. Don
—74 Petræa arborea.
1176 Cryphiacanthus Barbadensis
—77 Dipteracanthus
—78. Calophanes Jasminum mexicanum
—79 Dipteracanthus
—80- Do
—81 — Do
—83 — Do
—84 Cryphiacanthus Barbadensis
—85 Cryphiacanthus
—86 Dipteracanthus
—87 Ophthalmacanthus speciosus.
—90 Anisacanthus virgularis
—93 Beloperone comosa
—94 Sericographis incana
—97 Leptostachya
—98 Leptostachya
—99 Anisacanthus virgularis
1200 } Dicliptera resupinata
—1 }
—04 Barleria micans
—05 Tetramerium

1206 Tetramerium hispidum
—7 Elytraria
—9 Calophanes
—10 Calophanes
—15 Spigelia speciosa

1270 Nectouxia formosa
—71- Leucophyllum ambiguum
—72 Lamourouxia linearis (+1359) -
—73 Pentstemon campanulatus
—74 Pentstemon barbatus
—76 P—— imberbis
—77 P—— campanulatus
—78 P—— perfoliatus
—79 P—— Hartwegi
1280 Seymeria virgata HBK.
—81 S——
—82 S—— decurva
—83 Sylvia prostrata
—84 Gerardia pedunculāris B.
—85 Herpestes chamædryoides.
—86 Loeselia glandulosa
—87 Loeselia —
—88 L—— cærulea & glandulosa
—91 Mimulus pubescens
—93 Stemodia durantafolia (and 1300)
—95 Nama Jamaicensis
—99 Veronica peregrina
1301 Scoparia dulcis
1303.4.5. Russelia sarmentosa
—07 Buchnera elongata
—08 B—— americana
—10-11 Mimulus glabratus
—12 Calceolaria Mexicana
—13 Sibthorpia retusa
—14 Veronica agrestis.
—15 Buddlea perfoliata
—16 B—— sessiliflora
—17 B—— scordioides
—21 B—— Humboldtiana
—22- B—— americana.
—28 Loeselia coccinea
—29-30 Orobanche Ludoviciana
1331 Conopholis americana
—33 Leucocarpus alatus.
—38 Exogonium spicatum. Chois.
—39 Lophospermum erubescens
40 Maurandia antirrhiniflora.

852. Malpighia glabra
853. Heteropteris
854 Tetrapteris
855 T——— mexicana
856 Hiraea Coulteri n. sp.
857 Gaudichaudia
858 Aspicarpa Hartwegiana A. Juss.
859 Gaudichaudia mollis. Benth.
860 Hiraea septentrionalis
861 Bunchosia biocellata
863 Heteropteris floribunda
864 Byrsonima
865 Galphimia glauca
866 Echinopteris lappula.
914 – 916 – (Nama) also 920.
918 Bronnia or Fouquieria (imperfect)
919 — Do ———
921 Phacelia, near P. tanacetifolia
922 Wigandia – near W. scorpioides
923 Eutoca Andrieuxii ADC.
924 Plumbago Scandens.
928 Cobaea scandens.
929 930 } Pinguicula caudata
931 – P——— obtusifolia.
932 P——— n. sp.
933 P——— acuminata Benth.
934 Bumelia
935 Samolus Valerandi (floribunda)
936 Anagallis arvensis
937 Bolivaria
938 Bolivaria mexicana.
939 Halenia plantaginea
940 – 945 Erythraea
946 Eustoma Russelliana
947 Halenia multiflora?
948 – 951 Gentiana
952 Thevetia
953 Plumiera
955 Thevetia Yccotli.
959 Echites microcalyx (& several others 956 – 961. 964.)
962 Spigelia
963 Buddlea
967 968 } Echites hypoleuca
971. Sarcostemma elegans.

976 – Gonolobus erianthus
968 – Fischeria?
979 Gonolobus velutinus
980 Chthamalia nummularia? – ([illegible])
981 Asclepias linaria
986 A——— incarnata
988 A——— longicornu
990 991 } A——— setosa & another.
(several other asclepiads & Gonolobus)
1005 Amphilophium molle.
1006 Pithecoctenium muricatum
1007 Crescentia aculeata.
1009 Tecoma stans
1013 1014 } Dichondra argentea
1016 – 17 } Evolvulus linifolius
1018 E——— sericeus
1021 Ipomoea longifolia B.
– 22 I——— Hartwegi B.
– 23. I——— muricoides R & S.
– 25 Calonyction speciosum
– 26 Ipomoea umbellata
– 28 – Jacquemontia
– 29 Pharbitis dealbata
– 30 – 31 ) Pharbitis
– 32 Quamoclit coccinea
– 35 – 36 } Ipomoea muricata
– 38 Ipomoea stans
– 39 Pharbitis hispida
– 40 Quamoclit vitifolia
– 42 Pharbitis nil
– 43 Ipomoea variabilis
– 44 I——— tuberosa
– 45 Convolvulus equitans Benth. (C. hastatus? Nutt.)
– 46 Ipomoea pedatisecta M & G.
– 47 Quamoclit hederaefolia
1048 Lithospermum strictum
– 49 ——— the same?
– 51 Heliotropium humifusum B.
– 52 Nama Jamaicensis
– 53 Lithospermum spathulatum?
– 54 – 56 } Echinospermum Mexicanum
– 57 Onosmodium
– 58 Eritrichium
– 59 Eriodictyon – near E. crassifolium Benth.
– 65 – Tournefortia hirsutissima
– 66 – T——— Hartwegiana
– 70 – T——— velutina –

## Coulters Mexican plants

1 & 2 Karwinskia Humboldtiana
3. Berchemia
4. Menispermeae?
7. Rhamnus sp.
8. Ceanothus
9 Mertensia? or Morisia?
10. Colletia infesta
11. Ceanothus buxifolius
12. Rhamnus microphylla HBK
13. Zizyphus
14. Ceanothus depressus
15. C——— azureus.
75 – Nov. gen?
76 Lindleya mespiloides (79)
77.78. Philadelphus mexicanus
85. Nov. gen? Pterostemon Mexicanus, Schauer
95. Saurauja pedunculata Hook. in Linn. 20,
172. Hauya elegans. M & S.
177. Lopezia pumila
180 Semeiandra — sp.
211. Chiococca racemosa
226. Eupatorium pulchellum
228. Monosis cordata, Harv. n. sp.
231. Vernonia Deppeana Less.
233. Baccharis rhexioides? HBK.
235. Vernonia divaricata. Sw.
236 Acourtia
237. Eupatorium
239 – Do.
240 — Do. & to 246.
247 & 8 – Coelestina ageratoides
249 to 252 – Eupatoria (252 same as Calif. N. )
253. Aplopappus ramulosus?
254 Eupatorium glabratum. HBK.
255. – 258 – Eupatoria
259. Mikania menispermea? DC.
260 Palafoxia linearis
261 Simsia ? (same as 344) –
263. Piqueria trinervia Cav. (also 721).
264 Gutierrezia (Brachyris).
265 to 282 are Stevia, several undetermined :=
266 = S. podocephala.
267 = near it, or var.
270 = S. trachelioides DC.
271 = S. tomentosa
272 = S. jorullensis. HBK. fide Benth.
274. Stevia angustifolia. DC.
276 – S. canescens. HBK
277 — Do ——— var?
278 S. conferta DC.
279. S. hyssopifolia Cav.
280 S. pubescens?
281. near S. serrata.
283. Conyza sophiaefolia HBK.
284 Heterochaeta gnaphaloides. DC. & H. stricta. B.
285. Conyza coronopifolia? HBK.
286 Conyza sp.
287. 288. Pluchea odorata.
289. Baccharis coerulescens var. longifolia DC.
291. Pluchea purpurascens.
292. Pluchea
293. 294 } – Erigeron. ?
295 Dieteria nov. = Psilactis coulteri. A.G.
266 Aster or Dieteria?
267. Aplopappus
298. Aster.
299 Gutierrezia
300 Erigeron
301 Keerlia skirrobasis DC
302 Aplopappus gymnocephalus
303. Aplopappus
305. Blumea
306 Erigeron
307 Polyactidium delphinifolium
308 Erigeron
309 Erigeron scaposum Benth.
310 – 312 are Erigerons.
313 Encelia
314 Schkuhria abrotanoides
315 Gutierrezia (Hemiachyris) glutinosa, Schauer
316 Solidago velutina?
317 Solidago
319 Montagnaea
320 Montagnaea
321 Galinsoga parviflora
322 Blainvillea = Oligogyne Tampicana
323 324 } – Spilanthes.
326 Perymenium?
327 Melampodium perfoliatum
328 Ferdinanda augusta.

329. Perymenium?
330 Calea urticifolia?
331 Lipochaete?
332 Calea?
333 conf. Galinsoga
334 Calydermos scaber.
335 near Zinnia
336 Sanvitalia procumbens.
339 Perymenium?
340 Perymenium?
341 Verbesina
342 – Ditto
343 Bidens arguta? (also 347).
344 Simsia?
345 Bidens
350. Verbesina?
351. Montagnaea?
352 Montagnaea?
354 Verbesina persicifolia?
355 Helenium
356 Ferdinanda augusta?
357 Verbesina
358 Spilanthes?
359 Viguiera canescens, mixed with Simsia.
360 Gymnopsis
362 Actinomeris
363 – Do.
364 Montagnaea arborescens.
365 Simsia?
366. 367. Verbesina.
369 (Actinomeris or) Verbesina
370 Actinomeris tetragona DC
371 Helianthus annuus +
372 Tithonia tubaeformis (373)
374 Echinacea heterophylla DC.
375 & 376 Bidens sp. angustissima. H.B.K.
377 Heterospermum. pinnatum
378 Bahia – an B. absinthifolia? Benth.)
379 Cosmos sulphureus. (= Bidens sp.
380–381 – Bidens
382 Cosmos bipinnatus (and 384)
383 Cosmos crithmifolius?
385 Dahlia
386 Dahlia or Cosmos.
D. scapigera. Hort. Berol."

387. Dahlia glabrata
388. an Cosmos reptans B.
389 Dahlia
390 Cosmos
391. 392 Bidens.
393. Xanthium – n. sp?
394 Ambrosia peruviana? (same as Galeotti 388))
395. Ambrosia fruticosa
396 Ambrosia
397–99 = Artemisia vulgaris. vars.
400 Parthenium hysterophorus.
403 Pyrethrum Parthenium L. (an cult.?)
404 Zaluzania
405 Zaluzania triloba
407. Achillea millefolium
408 Senecio calcareus?
409. 410 S. longilobus. Benth.
411. Sen: arguta
412 Cacalia cordifolia (414.)
413 Senecio dictyophyllus Benth.
415 Cacalia
416 Senecio platanifolius Benth.
420 Cacalia peltata
421 Senecio Coulteri. MS.
422 S—— lineolatus DC.
423 Senecio n. sp.
424 S—— sanguisorba. DC.
425. Cacalia sinuata DC.
426 Cacalia
427 Senecio n. sp.
428. 429. Erechtites runcinata.
430 Ptilostephium coronopifolium?
431 Boebera incana.
432 B—— chrysanthemoides
433 Tagetes lucida (also 434. 435.
437. T—— foetidissima
438 T—— peduncularis
440 T—— micrantha
443 Zinnia multiflora
444 Zinnia leptopoda
445 Hymenatherum?
442. Lobelia cancellata, DC.

446 Porophyllum viridiflorum?
447 P—— macrocephalum
448 P—— coloratum
449 P—— lineare?
450 – 56 – Gnaphalia (unex?)
457–458 Sonchi
459 Pinaropappus
460 Pinaropappus roseus
461 Hieracium
462 Tolpis pectinata
463 T—— umbellata
464 – 467 Cirsia
468 Berlandiera lyrata Benth.
469 Trixis frutescens?
471 Chaptalia lyrata.
(I think your Leguminosae are named? – If not, let me know the numbers.) —

634. Clematis caudata Hook. (637.)(638).
636 639 C—— grossa, Benth. (C. sericea? HBK)
640 Clem. acapulcensis H&A.
641 C. —— nervata Benth.
642 C—— reticulata
644 Ranunc. sibbaldioides?
647. R—— dichotomus
649 R—— Hookeri? Schl.
650 R—— Hookeri!
651 R—— tridentatus.
652 Thalictrum podocarpum.
653 Aquilegia Canadensis
654 Anemone mexicana
655–657. Cocculus oblongifolius.
658 Cissampelos tomentosa?
659–661 – Cis. Pareira? or C. microcarpa.
662 Argemone mexicana.
663 Hunnemannia fumariaefolia
664 Corydalis aurea
668 Atamisquea emarginata, Miers !!!
669 Capparis verrucosa?
670 Cleomella Coulteri, H. ms.
671 —— mexicana. DC.

673. Polanisia uniglandulosa.
674 Streptanthus?
677 Nasturtium tanacetifolium H&A
(678 to 691 Cruciferae, mostly common).
712 Hesperis monniera
723 Silene laciniata. Cav. (S. pulchra C. & S.)
724 Polygala paniculata
727 P—— galioides?
729. P—— obscura? Benth.
733. Stegnosperma.
734 Monnina Xalapensis?
735 Krameria cytisoides. Cav.
738 Ionidium (near) parietariaefolium
740 Ionidium riparium HBK
744 745 Cissus sicyoides.
747 Vitis labrusca
748 V. hederacea
749 V. cordifolia
750 Ternstroemia sylvatica
760 761 Geranium Hernandezii DC
762 763 G—— carolinianum. G. Mexicanum. potius,
764 G—— Schiedeanum
765 Erodium cicutarium
770 Oxalis latifolia HBK.
(several others undeterm)
777 778 Larrea mexicana.
780 Kallstroemia maxima
781 782 Tribulus (terrestris?) cistoides.
783 Kallstroemia n. sp.
784 Chitonia mexicana.
788 Physodium corymbosum Presl.
789 Amoreuxia Schiedeana. Pl.
790 Tilia heterophylla?
791 Saurauja pedunculata
793 Melochia serrata
794 M—— pyramidata
795 Pavonia typhalea
796 Malva tricuspidata
804 Kosteletzkya. n. sp.
809 Hibiscus Coulteri. n. sp. H.
820 821 Bastardia crispa
(and several Malvaceae unexamined).

List of the remainder of
Dr. Coulter's Corolliflorae, which
Dr. Harvey does not think it necessary
to send for Dr. A. Gray's examination.

# Coulter's Plants.

## Compositæ

246 — Malacothrix tenuifolia
249 is Sonchus asper.
249+ — S. —— oleraceus
253 — Calais linearifolia
— C —— Douglasii
254 Artemisia vulgaris
256 Artemisia pachystachys.
257 A —— Californica. Hook.
261. 262 } Xanthium strumarium
264 Artemisia foliosa. Dougl.
267. Corethrogyne tomentella.
268. C —— leucophylla.
269 Ericameria microphylla.
270 Corethrogyne Californica.
275 Heterotheca floribunda. Benth.
277 Perityle Californica. Benth.
281 Baccharis glomeruliflora.
284 Erigeron Canadense
287 Erigeron purpureum.
290 Hartmannia pungens.
291 Lessingia Germanorum.
298. Hemizonia rudis. Benth
299. Madaria elegans.
305. Grindelia squarrosa
309. Encelia Californica
310 Wyethia angustifolia
314 Layia glandulosa
316 Tuckermannia maritima
317 Venegasia Carpesioides.
319 Callichroa platyglossa.
320 Layia heterotricha
323 Monolopia major.
325 Erigeron glaucum.
327 Encelia nivea
328 Burriela microglossa.
335. Senecio Californicus. DC
337 Chaenactis stevioides.
338 Lasthenia glabrata.
339. Leptosyne Douglasii
340 Bahia artemisifolia
341 Eclipta erecta
343 Actinolepis multicaulis
345 Burriela gracilis
346 Blennosperma Californica
347 Palafoxia linearis?
348 Achillea millefolium
350 Dichaeta tenella
351 Gnaphalium luteo album
352 Filago Californica
354. Gnap. Californicum
360 Calycadenia tenella
362 Bahia confertiflora
368 Tanacetum suaveolens.

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## Corolliflora

### Polemoniaceæ & Hydroleaceæ

450 Aegochloa atractyloides.
452 Gilia (Hugelia) virgata. B.
453. Gilia (Hugelia) elongata. B.
457. Gilia pharnaceoides. B.
460 Gilia (Lept.) androsacea.
461. Gilia parviflora?
462 Gilia dichotoma (in part) —
463. Gilia dianthiflora
468 Gilia capitata.
481. Gilia (Leptodactylon) Californica.
459 Collomia gracilis.
469. 470 472 — Ellisia membranacea.
487. Ellisia chrysanthemifolia. B.
471. Nemophila aurita.
475. 479. Nemophila insignis
480. Nemophila parviflora
477. Nemophila Menziesii

[illegible] Continued

490. 491. Eutoca viscida.
489. Eutoca (Phacelia) ciliata.
478 Eutoca Douglasii
482. 483. ~~Euto~~ Phacelia tenuifolia
484. Phacelia ramosissima
492 Whitlavia grandiflora.
493. Whitlavia minor
494 Emmenanthe penduliflora

503. 505. 506. 508 509 510 Myosotis fulva.
499. 513 514 515 Myosotis flaccida
511 - M — muricata.
578 579 M. chorisiana.
516 Cynoglossum penicillatum
520 C — grande.
521. Heliotropium Curassavicum.

524. Scutellaria tuberosa
525. Sphacele calycina
526. Audibertia grandiflora.
528 529 Trichostemma lanceolatum.
531. Stachys bullata
532 Audibertia polystachya
533. Stachys chamissonis
534
535. Audibertia stachyoides.
537 538 Salvia columbaria
539 Salvia carduacea
540 Audibertia nivea

~~54~~
534 Plectrites macrocera.

568. 572 569 573 570 - Plantago mexicana
571 Plantago Major

599 Antirrhinum Nuttallianum. Benth
602 Collinsia grandiflora.
636 Mimulus nanus
643 Mimulus luteus.
587-590 - Solanum umbelliferum